



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 4

Test Date: March 2009
Code: 11491392
SAU: Scarborough School Department
School: Benjamin Wentworth Intermediate

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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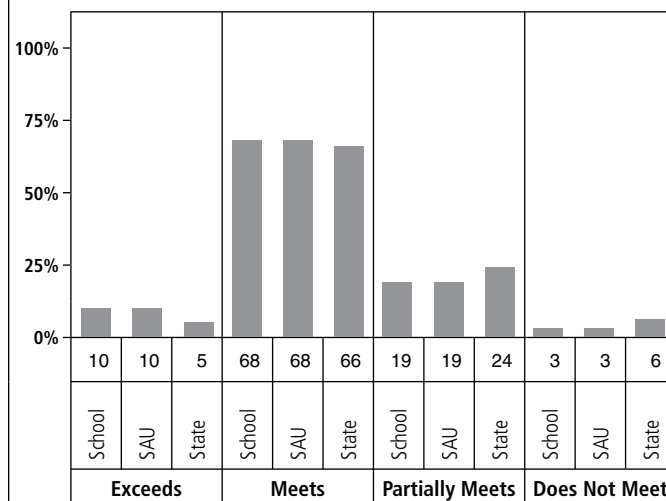
SUMMARY OF SCORES

Test Date: March 2009
Grade: 4
SAU: Scarborough School Department
School: Benjamin Wentworth Intermediat

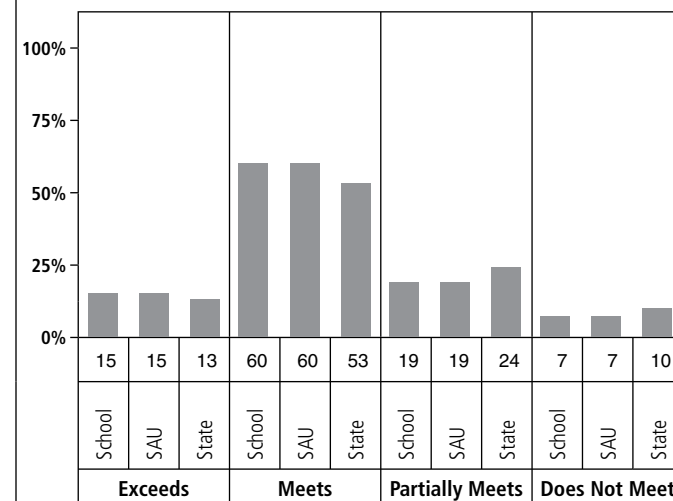
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	449	449	445
2007–2008	450	450	445
2008–2009	450	450	446
Cum. Avg.*	450	450	445
Mathematics			
2006–2007	451	451	445
2007–2008	450	450	445
2008–2009	448	448	446
Cum. Avg.*	450	450	445

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 4
SAU: Scarborough School Department
School: Benjamin Wentworth Intermediat

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	257	100	258	100	13805	100	255	99	256	99	13737	100	257	100	258	100	13746	100						
Ethnicity African American/Black	4	2	4	2	419	3	4	100	4	100	410	98	4	100	4	100	416	99						
American Indian or Native Alaskan	0	0	0	0	125	1	0	0	0	0	124	99	0	0	0	0	124	99						
Asian or Pacific Islander	7	3	7	3	229	2	6	86	6	86	223	97	7	100	7	100	227	99						
Hispanic	1	0	1	0	149	1	1	100	1	100	148	99	1	100	1	100	148	99						
Caucasian/White	245	95	246	95	12883	93	244	100	245	100	12832	100	245	100	246	100	12831	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	30	12	30	12	2383	17	30	100	30	100	2366	100	30	100	30	100	2364	99						
Current LEP	9	4	9	3	377	3	8	89	8	89	362	96	9	100	9	100	373	99						
Economically disadvantaged	36	14	36	14	5819	42	36	100	36	100	5782	99	36	100	36	100	5788	100						
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	205	80	205	79	10439	76	199	77	199	77	10471	76						
Identified disability (PET/IEP)	4	2	4	2	351	3	4	2	4	2	367	4						
LEP	1	0	1	0	171	2	1	1	1	1	172	2						
504 plan	4	2	4	2	92	1	3	2	3	2	90	1						
Participation with accommodations	45	18	46	18	3142	23	53	21	54	21	3138	23						
Identified disability (PET/IEP)	21	47	21	46	1860	59	21	40	21	39	1860	59						
LEP	7	16	7	15	186	6	8	15	8	15	198	6						
504 plan	2	4	2	4	71	2	3	6	3	6	73	2						
Other	15	33	16	35	1060	34	21	40	22	41	1043	33						
Participation through alternate assessment (PAAP)	5	2	5	2	155	1	5	2	5	2	137	1						
Identified disability (PET/IEP)	5	100	5	100	155	100	5	100	5	100	137	100						
LEP	0	0	0	0	4	3	0	0	0	0	3	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0												
Approved non-participation – special consideration	0	0	0	0	11	0	0	0	0	0	11	0						
Non-participation – other	2	1	2	1	57	0	0	0	0	0	48	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 4
SAU: Scarborough School Department
School: Benjamin Wentworth Intermediat

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 462–480)	2006-2007	16	7	16	7	507	4
	2007-2008	24	9	24	9	559	4
	2008-2009	25	10	25	10	672	5
	Cum. Total*	65	9	65	9	1738	4
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 442–460)	2006-2007	176	72	176	72	8749	63
	2007-2008	185	73	185	73	8308	59
	2008-2009	169	68	170	68	8917	66
	Cum. Total*	530	71	531	71	25974	63
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 432–440)	2006-2007	40	16	40	16	3467	25
	2007-2008	36	14	36	14	3922	28
	2008-2009	48	19	48	19	3241	24
	Cum. Total*	124	17	124	17	10630	26
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 400–430)	2006-2007	12	5	12	5	1165	8
	2007-2008	9	4	9	4	1264	9
	2008-2009	8	3	8	3	751	6
	Cum. Total*	29	4	29	4	3180	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	34.1	71.0	34.1	71.0	31.6	65.8
A1/A2 Interconnected Elements/Literary Text	24	50	17.6	73.3	17.6	73.3	16.1	67.1
A1/A3 Interconnected Elements/Informational Text	24	50	16.5	68.8	16.5	68.8	15.5	64.6

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 4
 SAU: Scarborough School Department
 School: Benjamin Wentworth Intermediat

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	250	25	10	169	68	48	19	8	3	450	251	10	68	19	3	450	13581	5	66	24	6	446
Ethnicity																						
African American/Black	4										4						408	2	51	31	16	441
American Indian or Native Alaskan	0										0						122	1	59	34	6	444
Asian or Pacific Islander	6	1	17	3	50	2	33	0	0	449	6	17	50	33	0	449	221	9	62	22	7	447
Hispanic	1										1						146	1	64	28	6	445
Caucasian/White	239	24	10	164	69	44	18	7	3	450	240	10	69	18	3	450	12684	5	66	24	5	446
Not Reported	0										0						0					
Identified disability																						
Yes	25	1	4	4	16	14	56	6	24	438	25	4	16	56	24	438	2211	1	39	42	18	439
No	225	24	11	165	73	34	15	2	1	451	226	11	73	15	1	451	11370	6	71	20	3	448
Current LEP																						
Yes	8	0	0	1	13	7	88	0	0	441	8	0	13	88	0	441	357	3	42	36	19	440
No	242	25	10	168	69	41	17	8	3	450	243	10	70	17	3	450	13224	5	66	24	5	446
Economically disadvantaged																						
Yes	34	2	6	20	59	10	29	2	6	447	34	6	59	29	6	447	5677	2	57	32	9	443
No	216	23	11	149	69	38	18	6	3	450	217	11	69	18	3	450	7904	7	72	18	3	448
Migrant																						
Yes	0										0						6	0	67	33	0	445
No	250	25	10	169	68	48	19	8	3	450	251	10	68	19	3	450	13575	5	66	24	6	446
Gender																						
Female	119	15	13	85	71	17	14	2	2	452	119	13	71	14	2	452	6580	7	68	21	5	448
Male	131	10	8	84	64	31	24	6	5	448	132	8	64	23	5	448	7001	3	64	27	6	445
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	1	4	6	26	16	70	0	0	442	23	4	26	70	0	442	2127	1	48	42	9	441
No	227	24	11	163	72	32	14	8	4	451	228	11	72	14	4	451	11454	6	69	20	5	447
Gifted/talented program																						
Yes	6	3	50	3	50	0	0	0	0	461	6	50	50	0	0	461	324	27	72	1	0	458
No	244	22	9	166	68	48	20	8	3	450	245	9	68	20	3	450	13257	4	65	24	6	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 4
 SAU: Scarborough School Department
 School: Benjamin Wentworth Intermediat

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	3	60	1	20	1	20	440	2	0	60	20	20	440	4	2	45	36	17	441
B. less than one hour	59	16	11	102	69	26	18	4	3	451	60	11	69	17	3	450	75	5	67	23	4	447
C. one to two hours	36	7	8	62	69	19	21	2	2	450	36	8	69	21	2	450	18	5	67	23	5	447
D. more than two hours	2	2	33	1	17	2	33	1	17	444	2	33	17	33	17	444	2	3	45	36	16	442
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	47	16	14	83	72	14	12	3	3	452	47	14	72	12	3	452	40	8	71	17	4	449
B. good	43	9	9	72	69	23	22	1	1	450	43	8	69	22	1	450	45	3	66	25	5	446
C. fair	7	0	0	8	44	9	50	1	6	443	7	0	44	50	6	443	13	1	54	35	10	442
D. poor	3	0	0	3	38	2	25	3	38	438	3	0	38	25	38	438	2	0	39	42	19	439
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	25	8	13	44	70	11	17	0	0	452	25	13	70	17	0	452	31	8	69	19	4	448
B. They match some of what I have learned.	63	13	8	114	73	26	17	4	3	450	63	8	73	17	3	450	53	4	68	23	4	447
C. They match just a little of what I have learned.	10	4	17	10	42	9	38	1	4	449	10	16	44	36	4	449	11	2	54	35	10	442
D. There is no match.	2	0	0	0	0	2	40	3	60	432	2	0	0	40	60	432	4	1	39	40	20	439
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	20	2	4	25	50	17	34	6	12	444	20	4	50	34	12	444	19	4	54	31	11	443
B. about the same as my regular schoolwork	65	19	12	117	73	24	15	1	1	452	65	12	73	15	1	452	63	6	69	22	4	447
C. easier than my regular schoolwork	15	3	8	26	70	7	19	1	3	449	15	8	70	19	3	449	18	4	68	23	5	446
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	11	0	0	12	46	10	38	4	15	441	11	0	46	38	15	441	13	0	39	43	17	439
B. Most of the passages were about the same as what I normally read.	50	13	11	80	66	25	20	4	3	449	50	11	66	20	3	449	52	4	69	24	4	446
C. Most of the passages were easier than what I normally read.	39	11	12	73	77	11	12	0	0	453	39	11	77	11	0	453	35	9	72	16	3	449
How much time do you spend reading at home each day?																						
A. more than one hour	21	6	11	32	60	12	23	3	6	448	21	11	60	23	6	448	21	8	68	19	5	448
B. 20 minutes to an hour	67	17	10	121	72	26	15	4	2	451	68	10	72	15	2	451	55	5	70	21	4	447
C. less than 20 minutes	8	1	5	13	62	7	33	0	0	447	8	5	62	33	0	447	13	2	57	33	8	443
D. I rarely read at home.	3	1	14	2	29	3	43	1	14	443	3	14	29	43	14	443	11	1	51	37	11	442
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	19	8	17	24	51	11	23	4	9	449	19	17	51	23	9	449	25	3	59	30	8	444
B. six to ten pages	25	4	7	39	64	17	28	1	2	448	25	6	65	27	2	448	24	4	64	26	6	445
C. eleven or more pages	56	13	10	101	75	20	15	1	1	451	55	10	75	15	1	451	51	7	70	20	4	448
Optional school/SAU question																						
A.	20	0	0	0	0	1	100	0	0	438	20	0	0	100	0	438						
B.	60	0	0	1	33	2	67	0	0	440	60	0	33	67	0	440						
C.	0										0											
D.	20	0	0	1	100	0	0	0	0	452	20	0	100	0	0	452						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 4
SAU: Scarborough School Department
School: Benjamin Wentworth Intermediat

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 462–480)	2006-2007	42	17	42	17	1054	8
	2007-2008	33	13	33	13	1321	9
	2008-2009	37	15	37	15	1712	13
	Cum. Total*	112	15	112	15	4087	10
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 442–460)	2006-2007	150	61	150	61	7394	53
	2007-2008	170	67	170	67	7079	51
	2008-2009	151	60	152	60	7270	53
	Cum. Total*	471	63	472	63	21743	52
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 430–440)	2006-2007	41	17	41	17	3729	27
	2007-2008	41	16	41	16	3955	28
	2008-2009	47	19	47	19	3219	24
	Cum. Total*	129	17	129	17	10903	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 400–428)	2006-2007	12	5	12	5	1735	12
	2007-2008	11	4	11	4	1642	12
	2008-2009	17	7	17	7	1408	10
	Cum. Total*	40	5	40	5	4785	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	32.2	67.1	32.2	67.1	30.8	64.2
A. Number	20	42	12.6	63.0	12.6	63.0	12.5	62.5
B. Data	8	17	5.7	71.3	5.7	71.3	5.3	66.3
C. Geometry	10	21	6.9	69.0	6.9	69.0	6.5	65.0
D. Algebra	10	21	7.0	70.0	7.0	70.0	6.5	65.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 4
 SAU: Scarborough School Department
 School: Benjamin Wentworth Intermediat

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	252	37	15	151	60	47	19	17	7	448	253	15	60	19	7	448	13609	13	53	24	10	446
Ethnicity																						
African American/Black	4										4						415	5	41	30	24	439
American Indian or Native Alaskan	0										0						123	12	46	28	13	445
Asian or Pacific Islander	7	3	43	2	29	1	14	1	14	448	7	43	29	14	14	448	225	22	45	20	12	448
Hispanic	1										1						147	3	58	30	10	443
Caucasian/White	240	34	14	147	61	43	18	16	7	449	241	14	61	18	7	449	12699	13	54	23	10	447
Not Reported	0										0						0					
Identified disability																						
Yes	25	2	8	8	32	7	28	8	32	436	25	8	32	28	32	436	2227	3	34	33	30	437
No	227	35	15	143	63	40	18	9	4	450	228	15	63	18	4	450	11382	14	57	22	7	448
Current LEP																						
Yes	9	1	11	1	11	5	56	2	22	437	9	11	11	56	22	437	370	7	35	31	27	439
No	243	36	15	150	62	42	17	15	6	449	244	15	62	17	6	449	13239	13	54	23	10	447
Economically disadvantaged																						
Yes	34	1	3	19	56	11	32	3	9	445	34	3	56	32	9	445	5704	6	48	30	16	442
No	218	36	17	132	61	36	17	14	6	449	219	16	61	16	6	449	7905	18	57	19	6	450
Migrant																						
Yes	0										0						6	17	33	50	0	448
No	252	37	15	151	60	47	19	17	7	448	253	15	60	19	7	448	13603	13	53	24	10	446
Gender																						
Female	119	10	8	86	72	18	15	5	4	449	119	8	72	15	4	449	6591	12	54	24	11	446
Male	133	27	20	65	49	29	22	12	9	448	134	20	49	22	9	448	7018	13	53	24	10	447
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	23	1	4	4	17	14	61	4	17	437	23	4	17	61	17	437	2131	3	41	38	18	440
No	229	36	16	147	64	33	14	13	6	450	230	16	64	14	6	450	11478	14	56	21	9	448
Gifted/talented program																						
Yes	6	6	100	0	0	0	0	0	0	468	6	100	0	0	0	468	324	64	34	2	0	464
No	246	31	13	151	61	47	19	17	7	448	247	13	62	19	7	448	13285	11	54	24	11	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 4
 SAU: Scarborough School Department
 School: Benjamin Wentworth Intermediat

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	0	0	1	17	5	83	428	2	0	0	17	83	428	4	4	37	30	28	438
B. less than one hour	59	29	20	84	57	30	20	5	3	450	59	19	57	20	3	450	75	13	55	23	9	447
C. one to two hours	36	6	7	64	71	15	17	5	6	447	36	7	71	17	6	447	18	12	54	24	10	446
D. more than two hours	2	2	33	1	17	1	17	2	33	441	2	33	17	17	33	441	2	7	39	29	25	440
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	40	27	27	57	58	10	10	5	5	453	39	27	58	10	5	453	37	22	56	16	7	451
B. good	50	8	6	79	64	31	25	6	5	446	50	6	64	25	5	446	45	9	56	25	9	446
C. fair	10	2	8	13	52	5	20	5	20	443	10	8	52	20	20	443	14	3	46	34	17	440
D. poor	1	0	0	0	0	1	50	1	50	426	1	0	0	50	50	426	3	2	33	35	29	436
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	32	17	22	46	58	13	16	3	4	451	31	22	58	16	4	451	35	19	56	19	7	450
B. They match some of what I have learned.	55	16	12	87	64	29	21	5	4	449	55	12	64	21	4	449	51	11	56	25	8	446
C. They match just a little of what I have learned.	10	3	12	16	62	4	15	3	12	446	11	11	63	15	11	446	10	5	43	31	21	440
D. There is no match.	3	1	13	0	0	1	13	6	75	431	3	13	0	13	75	431	4	3	26	33	37	434
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	16	2	5	25	63	6	15	7	18	445	16	5	63	15	18	445	17	5	44	31	20	441
B. about the same as my regular schoolwork	69	25	14	107	62	34	20	7	4	449	69	14	62	20	4	449	62	13	57	23	7	448
C. easier than my regular schoolwork	14	10	28	16	44	7	19	3	8	450	15	27	46	19	8	450	21	18	53	19	10	449
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	6	3	21	4	29	4	29	3	21	441	6	21	29	29	21	441	7	6	36	32	27	438
B. 30–45 minutes	29	9	13	40	56	16	22	7	10	447	29	12	56	22	10	447	25	7	52	28	12	444
C. 45–60 minutes	55	21	15	87	64	24	18	5	4	450	55	15	64	18	4	450	38	14	56	22	8	448
D. more than 60 minutes	11	4	15	18	67	3	11	2	7	448	11	15	67	11	7	448	30	18	56	19	7	449
How often do you use calculators in mathematics class?																						
A. almost every day	2	0	0	2	40	1	20	2	40	430	2	0	40	20	40	430	3	4	36	31	28	438
B. two or three days a week	6	0	0	7	50	5	36	2	14	442	6	0	50	36	14	442	12	13	51	26	10	446
C. two or three times each month	30	6	8	57	76	10	13	2	3	449	30	8	76	13	3	449	32	15	58	20	7	449
D. never or almost never	62	31	20	83	53	31	20	11	7	449	63	20	54	20	7	449	53	11	53	25	11	446
How often do you use hands-on materials in mathematics class?																						
A. almost every day	17	3	7	20	47	12	28	8	19	441	17	7	47	28	19	441	26	12	50	25	13	445
B. two or three days a week	26	9	14	34	53	18	28	3	5	448	26	14	53	28	5	448	32	14	57	21	7	448
C. two or three times each month	31	10	13	54	70	11	14	2	3	450	31	13	71	14	3	450	26	13	56	22	8	448
D. never or almost never	26	15	24	40	63	4	6	4	6	453	25	24	63	6	6	453	17	9	50	27	13	444
Optional school/SAU question																						
A.	20	0	0	0	0	1	100	0	0	438	20	0	0	100	0	438						
B.	60	0	0	0	0	1	33	2	67	423	60	0	0	33	67	423						
C.	0										0											
D.	20	0	0	1	100	0	0	0	0	458	20	0	100	0	0	458						